Day 10 - 25/11/2022

Q. Get a number from the user and calculate the factorial and give it as the output.

main.py

```
num = int(input("Enter a number: "))
fact = 1

if num<0:
    print("Invalid input")

else:
    for i in range (1,num+1):
        fact = fact*i
    print("Factorial of",num,"is",fact)
```

output

```
Enter a number: 4
Factorial of 4 is 24


...Program finished with exit code 0
Press ENTER to exit console.
```

```
Enter a number: 0
Factorial of 0 is 1


...Program finished with exit code 0
Press ENTER to exit console.
```

```
Enter a number: -5
Invalid input


...Program finished with exit code 0
Press ENTER to exit console.
```